Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (canceled).

5. (new) A moving carrier that sticks to the surface of an object by use of negative pressure, comprising:

(a) two sets of moving units wherein each of the moving units consisting of at least two sets of driving wheels;

(b) each of the moving units being arranged on each of its right and left sides relative to its traveling direction;

(c) each of the moving units being connected to a driving source;

(d) one of the driving wheels being situated in the vicinity of the center of the sticking force acting on the moving carrier;

(e) another of the driving wheels being situated away from the center of the sticking force acting on the moving carrier; and

(f) wherein the moving carrier can pivot at contact area as the pivot axis,

(g) at the contact area one of the driving wheels situated in the vicinity of the center of the sticking force being contacted with the surface,

(h) wherein one of the moving units being driven and another moving units being not driven.

6. (new) The moving carrier that sticks to the surface of an object by use of negative pressure, described in claim 5 above;

additionally comprising a moving process that causes the moving carrier to make transverse movements in its traveling direction;

wherein actions of the moving carrier being repeated;

each of the actions being comprised of a action that the moving carrier pivots at contact area as the pivot axis;

at the contact area, one of the driving wheels situated in the vicinity of the center of the sticking force being contacted with the surface;

wherein one of the moving units being driven and another moving unit being not driven.

7. (new) A moving carrier that sticks to the surface of an object by use of negative pressure, comprising:

(a) two sets of moving units wherein each of the moving units consisting of a caterpillar;
(b) each of the moving units being arranged on each of its right and left sides relative to its traveling direction;
(c) each of the moving units being connected to a driving source;
(d) one end portion of the caterpillar being situated in the vicinity of the center of the sticking force acting on the moving carrier;
(e) another end portion of the caterpillar being situated away from the center of the sticking force acting on the moving carrier; and
(f) wherein the moving carrier can pivot at contact area as the pivot axis,
(g) at the contact area the one end portion of the caterpillar situated in the vicinity of the center of the sticking force being contacted with the surface,
(h) wherein one of the moving units being driven and another moving units being not driven.

8. (new) The moving carrier that sticks to the surface of an object by use of negative pressure, described in claim 7 above;
additionally comprising a moving process that causes the moving carrier to make transverse movements in its traveling direction;
wherein actions of the moving carrier being repeated;
each of the actions being comprised of a action that the moving carrier pivots at contact area as the pivot axis;
at the contact area, one end portion of the caterpillar situated in the vicinity of the center of the sticking force being contacted with the surface;
wherein one of the moving units being driven and another moving unit being not driven.